Appendix 1D
Wetland Impacts

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
Segment 1 (MP 0.0-MP 6.1)					
0.30	FM	3.29	1.62	HDD	Walnut Creek and Grayson Creek channels
0.50	NJW	0.08	0.08		small 1' wide drainage ditch excavated in uplands
0.56	NJW	0.01	0.01		seasonally ponded depression (isolated)
0.57	NJW	0.05	0.00		ponded area between road & RR tracks (isolated)
0.76	SAM	0.46	0.45		seasonally ponded depression
0.82	SM	0.45	0.00	ESA	alum sludge drying pond
0.83	BM	1.26	0.40		seasonally ponded depression
0.88	SM	0.44	0.00	ESA	alum sludge drying pond
0.98	SM	0.53	0.00	ESA	seasonally ponded depression
1.04	SM	0.40	0.00	ESA	seasonally ponded depression
1.05	FM	0.10	0.00		seasonally ponded depression
1.08	SM	0.06	0.01		seasonally ponded depression
1.10	WUS	0.19	0.10		drainage ditch
1.11	WUS	0.07	0.04		drainage ditch
1.44	SAM	0.48	0.22		seasonally ponded depression
1.47	SAM	0.28	0.14		marsh area adjacent to Pacheco Slough
1.48	SAM	0.10	0.04		marsh area adjacent to Pacheco Slough
1.50	SAM	1.93	1.02		seasonally ponded depression
1.54	WUS	0.14	0.04		drainage ditch
1.60	WUS	0.11	0.06		Pacheco Slough east of alignment
1.61	WUS	0.04	0.01		Pacheco Slough west of alignment
1.62	SAM	1.32	0.62		seasonally ponded depression
2.63	WUS	0.08	0.18		drainage ditch
2.64	FM	0.98	0.08		seasonally ponded depression
2.83	SM	0.25	0.25		seasonally ponded depression
3.10	SAM	0.21	0.09		seasonally ponded depression
3.14	SAM	0.52	0.00		seasonally ponded depression
3.67A	SAM	3.72	0.35		diked former tidal marsh
3.67B	SAM	3.76	1.92		diked former tidal marsh
4.08	WUS	0.47	0.00	ESA	Peyton Slough channel above tide gate
4.10	SAM	0.60	0.00	ESA	seasonally ponded depression
4.18	WUS	1.14	0.38		ponded depression
4.19	WUS	1.53	0.00	ESA	Peyton Slough channel above tide gate
4.51	NJW	0.05	0.00		ponded depression excavated in uplands
4.54	WUS	0.15	0.00		Peyton Slough channel below tide gate
4.55	NJW	0.16	0.07		ponded depression excavated in uplands

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
4.66	WUS	0.01	0.00		ponded depression
4.69	NJW	1.22	0.00		ponded depression excavated in uplands
4.90	BM	0.14	0.00	ESA	southern margin of Carquinez Strait
5.00	BM	0.18	0.08		southern margin of Carquinez Strait
5.02	WUS	26.49	0.00	Existing Pipeline	Carquinez Strait open water (navigable)
Segment 2 (MP 6.1-MP17.6)					
6.13	BM	0.38	0.20		northern margin of Carquinez Strait
6.27	BM	2.50	0.00		brackish marsh along margin of Carquinez Strait
6.96	BM	3.44	0.00	HDD	Sulphur Springs Ck. and BM adj. to Carquinez Strait
7.36	SAM	0.05	0.02	Bore	channel outlet from feature 7.37A/B/C (WC#5A)
7.37A	SAM	0.38	0.09		seasonally ponded depression
7.37B	SAM	0.13	0.00		seasonally ponded depression
7.37C	SAM	0.23	0.00		seasonally ponded depression
9.13	WUS	0.00	0.00		ephemeral creek
9.87	WUS	0.01	0.01		ephemeral creek
10.57	FM	0.03	0.02		ephemeral creek w/freshwater marsh
10.69	SM	0.06	0.00		seasonally ponded depression
10.73	SM	0.11	0.00	ESA	seasonally ponded depression
11.23	WUS	0.01	0.00		ephemeral creek
11.33	WUS	0.02	0.00	ESA	ephemeral creek runs to culvert under road
11.71	WUS	0.02	0.01		ephemeral creek runs through culvert under road
12.15	WUS	0.02	0.01		ephemeral creek runs through culvert under road
12.31	SM	0.62	0.47		seasonally ponded depression
13.07	SM	0.10	0.00		seasonally ponded depression
13.34	WUS	0.01	0.01		ephemeral stream channel
13.37	SM	0.02	0.02		seasonally ponded depression
13.41	SM	0.03	0.03		seasonally ponded depression
13.46	SM	0.04	0.04		seasonally ponded depression
13.54	SM	0.09	0.00		seasonally ponded depression
13.56	SS	0.05	0.05		seasonal seep adjacent to ephemeral drainage
13.78 A	WUS	0.01	0.00		ephemeral creek runs through culvert under road
13.78 B	SS	0.03	0.03		seasonal seep adjacent to ephemeral drainage
13.91	SM	0.03	0.03		seasonally ponded depression
13.94	WUS	0.01	0.00		ephemeral creek runs through culvert under road
14.23	WUS	0.02	0.01		ephemeral creek runs through culvert under road
14.41A	SAM	0.06	0.00		seasonally ponded depression between Lopes Rd and I-680
14.41B	SAM	0.14	0.00		seasonally ponded depression between Lopes Rd and I-680
14.41C	SAM	0.28	0.00	ESA	seasonally ponded depression between Lopes Rd and I-680
14.45	SS	0.18	0.07		seasonal seep within a natural swale
15.54	WUS	0.03	0.02		box culvert conveys "Old Paseo Creek"
15.62	NJW	0.02	0.02		seasonally ponded depression at culvert opening (isolated)
15.79	NJW	0.01	0.01		seasonally ponded depression at culvert opening (isolated)

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
15.94	WUS	0.07	0.04		trapezoidal 10' channel out of box culvert
16.32	SM	0.11	0.10		seasonally ponded drainage ditch connects to waters U.S.
16.55	WUS	0.09	0.00	Bore	WC#14 - channel out of 2 box culverts
16.79	SM	0.70	0.22		seasonally ponded depression
16.80	SM	0.19	0.17		seasonally ponded drainage channel adjacent to Ramsey Road
16.86	WUS	0.01	0.00		drainage ditch
17.08	WUS	0.05	0.01		stream channel
17.09	FM	0.01	0.00		freshwater marsh in channel
17.44	RF	0.55	0.00	Bore	WC#15 stream with riparian canopy
Segment 3 (MP 17.6-MP 24.5)					
18.13	SAM	1.59	0.57		seasonally ponded depression on alkali soils
18.70	WUS	0.10	0.00	Bore	WC#15A - channel of American Canyon Creek (seasonal)
19.10	SAM	2.65	0.00	HDD	diked marsh adjacent to Cordelia Slough
19.23	WUS	0.24	0.00	HDD	Cordelia Slough channel
19.24	SAM	2.86	1.41		north of pipeline route - diked managed marsh
19.25	SAM	2.55	1.06		south of pipeline route - diked managed marsh
19.48A	WUS	0.02	0.00		abandoned meander channel
19.48B	WUS	0.26	0.00	Bore	WC#16A - abandoned meander channel
19.52A	SAM	1.98	0.92		diked marsh north of pipeline route
19.52B	SAM	0.63	0.21		diked marsh south of pipeline route
19.52C	SAM	0.39	0.34		diked marsh south of pipeline route
20.27	WUS	0.05	0.01		bed and bank of seasonal stream
20.50	RF	0.77	0.00	Bore	WC#17 - Suisun Creek, stream with riparian canopy
20.68	WUS	0.15	0.07		drainage ditch
21.71	WUS	0.12	0.00	Bore	WC#17A - drainage ditch
22.86	SM	0.09	0.01		seasonally ponded depression
22.90	WUS	0.03	0.00		WC # 17B (original) not crossed by current alignment
22.93	NJW	0.18	0.18		seasonally ponded depression, no VP flora (isolated)
23.19	SM	0.23	0.00	ESA	seasonally ponded depression, no VP flora
23.25	SM	0.04	0.00	ESA	seasonally ponded depression, no VP flora
23.26	BM	0.83	0.00	HDD	WC #18 - Ledgewood Creek BM in channel
23.31	SM	0.06	0.06		seasonally ponded depression
23.60	SM	0.04	0.02		seasonally ponded depression - WC - 18A
23.61	SAM	0.45	0.00		seasonally ponded depression between Cordelia Rd. and RR
23.63	SM	0.03	0.03		seasonally ponded depression (GPS 23-7B)
23.64	SAM	0.79	0.60		seasonally ponded depression
23.74A	WUS	0.15	0.00	Bore	Peytonia Slough channel - WC #19
23.74B	WUS	1.17	0.86		Peytonia Slough channel above Cordelia Road
23.75	SM	0.04	0.00		seasonally ponded depression
23.77	SAM	0.14	0.08		borrow area between Cordelia Rd and RR embankment
23.78	BM	0.53	0.32		borrow area adjacent to RR embankment
23.80	SM	0.06	0.04		seasonally ponded depression
23.86	BM	0.01	0.00		drainage channel with BM veg, connected to Peytonia slough

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
23.87	VP	0.36	0.00		seasonally ponded depression - vernal pool flora
23.88	SAM	8.54	4.87		bordering Peytonia Slough tributary
24.08	SAM	0.03	0.00		seasonally ponded depression
24.20	BM	0.22	0.03		seasonally ponded depression, south side of Peytonia slough
24.25	BM	1.14	0.35		seasonally ponded depression (separate segment of Feature 24.20)
Segment 4 (MP 24.5-MP 30.7)					
24.77	WUS	0.05	0.00	Bore	WC#20 - channel upstream of railroad crossing
24.78	WUS	0.07	0.00	Bore	WC#20 - channel downstream of railroad crossing
24.80	SM	0.61	0.00	Bore	drainage channel connected via culvert to Feature 24.78
24.83	SM	0.59	0.28		seasonally ponded depression
25.81	SM	0.24	0.23		seasonally ponded depression, no VP flora
26.02	NJW	0.09	0.09		seasonally ponded depression, marginal hydrol., no VP flora (isolated)
26.10	WUS	0.04	0.00	Bore	WC #21 - Laurel Creek
26.29	WUS	0.05	0.00	Bore	flood control channel - WC #21A
26.31	SM	0.07	0.07		drainage channel connected via culvert to Feature 26.29
26.54	SM	0.14	0.14		seasonally ponded depression, no VP flora, connected to trib. via ditch
26.57	NJW	0.06	0.05		seasonally ponded depression, no VP flora (isolated)
26.61	NJW	0.09	0.09		seasonally ponded depression, no VP flora (isolated)
26.67	NJW	0.06	0.06		seasonally ponded depression, no VP flora (isolated)
26.80	SM	0.12	0.12		seasonally ponded depression, no VP flora, connected to trib. via ditch
26.97	SM	0.04	0.00	ESA	seasonally ponded depression; no VP flora; *Branchinecta lynchi*
27.86A	WUS	0.02	0.01		seasonal drainage channel
27.86B	WUS	0.03	0.01		seasonal drainage channel
28.15	SM	0.66	0.00	ESA	seasonally ponded depression
28.41	VP	0.12	0.00	ESA	seasonally ponded depression; *Lasthenia conjugens (LACO)*
28.44	VP	0.46	0.00	ESA	seasonally ponded depression; LACO
29.81	SM	0.48	0.00	ESA	seasonally ponded depression (historic occ. of LACO)
Segment 5 (MP 30.7-MP 65.1)					
31.08	NJW	0.04	0.05		seasonally ponded depression, VP flora present (isolated)
31.34	NJW	0.04	0.03		seasonally ponded depression, VP flora present (isolated)
31.49	NJW	0.29	0.24		seasonally ponded depression, VP flora present (isolated)
31.54	NJW	0.49	0.29		seasonally ponded depression, VP flora present (isolated)
31.84	VP	0.36	0.00		seasonally ponded depression
31.98	WUS	0.03	0.00	Bore	WC#23 - seasonal stream channel
33.26	VP	0.00	0.00		seasonally ponded depression
33.28	NJW	0.01	0.01		irrigation ditch, concrete lined- not W.U.S.
33.77	NJW	0.03	0.00	Bore	WC#23B - irrigation ditch, not W.U.S
34.73	NJW	0.13	0.00	ESA	concrete-lined channel, not W.U.S. connected to 34.75 and 35.25
34.75	NJW	1.03	0.00		concrete-lined channel, not W.U.S. connected to 34.73 and 35.25
35.25	NJW	0.06	0.00	Bore	WC#24 - concrete-lined channel, not W.U.S. connected to 34.73 and 34.75
35.77	SM	0.04	0.00		seasonally ponded depression

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
35.78	SM	0.05	0.02		seasonally ponded depression in leveled field
35.80	SM	0.05	0.02		seasonally ponded depression in leveled field
35.82	SM	0.04	0.01		seasonally ponded depression in leveled field
35.84	SM	0.05	0.01		seasonally ponded depression in leveled field
35.96	SM	0.01	0.01		seasonally ponded depression in leveled field
35.97	WUS	0.24	0.00		irrigation ditch
35.98	SM	0.01	0.01		seasonally ponded depression in leveled field
35.99	SM	0.01	0.01		seasonally ponded depression in leveled field
36.00	SM	0.01	0.01		seasonally ponded depression in leveled field
36.01	SM	0.01	0.01		seasonally ponded depression in leveled field
36.02	SM	0.05	0.02		seasonally ponded depression in leveled field
36.03	SM	0.04	0.02		seasonally ponded depression in leveled field
36.17	SM	0.95	0.46		seasonally ponded depression in leveled field
37.13A	SM	0.01	0.00	ESA	seasonally ponded swale (previously verified by Corps)
37.13B	SM	0.49	0.00	ESA	seasonally ponded swale (previously verified by Corps)
37.13C	SM	0.12	0.00	ESA	seasonally ponded swale (previously verified by Corps)
37.35	SM	0.12	0.00	ESA	seasonally ponded (persisted late-artificially constructed)
37.45	VP	0.02	0.00		seasonally ponded depression
38.77	VP	0.29	0.22		seasonally ponded depression; no access
38.79 (W)	WUS	1.52	0.00	Bore	WC#25 - Alamo Creek flood control channel
38.79 (E)	WUS	0.01	0.00		Alamo Creek flood control channel downstream of Hay Road
40.68	WUS	0.62	0.00	HDD	Ulatis Creek channel - WC #26
41.88	RS	0.25	0.00	Bore	WC#27 - Maine Prairie Creek - willow riparian scrub and artificial channel
41.91	SM	0.20	0.06		seasonally ponded depression, *Lepidium lat.* and *Rumex crispus*
41.95	WUS	0.22	0.00	ESA	irrigation ditch, 8' wide
41.98	SM	0.26	0.20		seasonally ponded depression, no VP flora
42.15	SM	0.10	0.00	Bore	WC#27A - drainage channel
42.16	SM	0.07	0.06		seasonally ponded depression, no VP flora
42.31	SM	0.97	0.00	ESA	seasonally ponded depression, no VP flora
42.46	WUS	0.06	0.03		irrigation ditch
42.47	SM	0.11	0.00	ESA	seasonally ponded depression, no VP flora
42.52	SM	0.07	0.00	ESA	seasonally ponded depression, no VP flora
42.59	SM	0.90	0.00	ESA	seasonally ponded depression, no VP flora
42.79	SM	0.54	0.00	HDD	Hass Slough channel
42.86	SM	0.36	0.00	HDD	Hass Slough WC #28
43.08	WUS	0.23	0.00	ESA	drainage ditch; connects to Hass Slough
44.02	SM	0.20	0.06		seasonally ponded depression
44.21	FM	0.03	0.03		drainage channel
44.58	SM	0.03	0.00		seasonally ponded depression, no VP flora
44.64	SM	0.06	0.00		drainage ditch with *Cyperus eragrostis* and *Xanthium strumarium*
44.65	WUS	0.01	0.00		drainage ditch
44.68	VP	0.10	0.09		seasonally ponded depression

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
44.71	VP	0.11	0.04		seasonally ponded depression
44.76	SM	0.23	0.00	Bore	WC#29 - seasonally ponded channel, receives summer irrigation runoff
44.80	VP	0.39	0.18		seasonally ponded depression
44.97	VP	0.03	0.00		seasonally ponded depression
44.99	VP	0.06	0.03		seasonally ponded depression
45.02	VP	0.00	0.00		seasonally ponded depression
45.05	VP	0.00	0.00		seasonally ponded depression, above centerline
45.06	VP	0.00	0.00		seasonally ponded depression, below centerline
45.09	VP	0.01	0.01		seasonally ponded depression
45.10	VP	0.03	0.03		seasonally ponded depression
45.15	VP	0.01	0.01		seasonally ponded depression
45.19	VP	0.21	0.13		seasonally ponded depression
45.24	VP	0.13	0.02		seasonally ponded depression
45.27	WUS	0.04	0.00	Bore	WC#29A - drainage ditch; connects to 45.24
45.30	SM	0.93	0.88		seasonally ponded depression, no VP flora
45.44	SM	0.03	0.02		seasonally ponded depression, no VP flora
45.47	SM	0.03	0.02		seasonally ponded depression, no VP flora
45.51	WUS	0.32	0.17		irrigation ditch
45.59	SM	0.07	0.04		seasonally ponded depression
45.62	SM	0.37	0.35		seasonally ponded depression
45.63	SM	0.02	0.00		seasonally ponded depression
45.64	WUS	0.48	0.06		irrigation ditch
45.84	WUS	0.03	0.00	Bore	WC#30 - irrigation ditch
45.85	WUS	0.01	0.00		irrigation ditch
45.86	WUS	0.62	0.02		irrigation ditch
45.87	SM	0.03	0.02		seasonally ponded depression, no VP flora
46.09	SM	0.00	0.00		seasonally ponded depression, no VP flora
46.14	SM	0.00	0.00		seasonally ponded depression, no VP flora
46.22	SM	0.05	0.06		seasonally ponded depression, no VP flora
46.27	SM	0.01	0.01		seasonally ponded depression, no VP flora
46.30	SM	0.03	0.03		seasonally ponded depression, no VP flora
46.31	WUS	0.51	0.14		irrigation channel/drainage channel?
46.50	WUS	2.51	0.00	Bore/ESA	irrigation channel (W.U.S.) WC #31A connects to 47.31 (w=20')
47.31	WUS	0.07	0.04		irrigation channel (W.U.S) connects to 46.50 and 47.35
47.35	WUS	3.97	0.00	ESA	irrigation channel (W.U.S) connects to 47.31
48.22	WUS	0.05	0.00	Bore	WC#31D - irrigation ditch
48.66	WUS	0.60	0.00	ESA	irrigation channel (W.U.S.) connects to 47.35
48.74	SM	0.00	0.00		seasonally ponded depression
48.78	SM	0.07	0.00	ESA	seasonally ponded depression
48.80	SM	0.00	0.00		seasonally ponded depression
48.82	SM	0.00	0.00		seasonally ponded depression
48.83	SM	0.00	0.00		seasonally ponded depression
48.84	SM	0.00	0.00		seasonally ponded depression

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
49.12	WUS	0.14	0.14		irrigation channel
49.20	WUS	0.11	0.11		irrigation channel
49.30	NJW	0.01	0.00		roadside ditch (not W.U.S)
49.97	SM	0.32	0.23		seasonally ponded depression in cultivated field
50.01	SM	0.00	0.00		seasonally ponded depression
50.03	SM	0.04	0.04		seasonally ponded depression
50.09	WUS	0.01	0.00		irrigation ditch
50.25	WUS	0.04	0.00	Bore	WC#32 - irrigation ditch
50.86	WUS	0.01	0.01		irrigation ditch
50.87	NJW	0.06	0.03		roadside drainage ditch (not W.U.S)
50.94	SM	0.03	0.00		seasonally ponded depression
51.01	SM	0.25	0.00	Bore	WC#33 - seasonally ponded depression
51.19	SM	0.36	0.17		seasonally ponded depression
51.20A	WUS	0.28	0.00	Bore	irrigation ditch with emergent vegetation WC #34
51.20B	WUS	0.21	0.00		irrigation ditch (northern extension of 51.20A - connected via culvert)
51.28	WUS	0.12	0.06		irrigation ditch (excavated in upland?)
51.48	WUS	2.31	0.00	Bore/ESA	WC#35 - irrigation ditch, parallels RR grade, west side, connects to 51.28
52.76	VP	0.00	0.00		seasonally ponded depression
52.95	SM	1.07	0.16		seasonally ponded depression, RR borrow area, no VP flora
53.28	SM	0.12	0.00		seasonally ponded depression, receives summer irrigation runoff
53.32	SM	0.15	0.00	Bore	WC#36 - seasonally ponded depression, receives summer irrigation runoff
53.33	FM	0.11	0.00		seasonal stream channel (receives irrigation runoff)
53.45	VP	0.00	0.00		seasonally ponded depression
53.49	SM	1.59	0.38		seasonally ponded depression, receives summer irrigation runoff
53.78	SM	0.04	0.00		seasonally ponded depression
53.80	VP	0.07	0.01		seasonally ponded depression along access (*Lepidurus packardi*)
54.02	FM	1.40	0.00	Bore/ESA	irrigation ditch with FM veg., receives summer irrig. runoff (WC #37)
56.38	SM	0.55	0.00	ESA	seasonally ponded depression (FM veg in lower portion)
56.49	FM	0.97	0.29		irrigation ditch
56.55	WUS	0.28	0.00	ESA	irrigation ditch, connects to 56.73
56.73	WUS	0.72	0.00	ESA	irrigation ditch, connects to 56.55
57.73	RF	1.55	0.00	HDD	Putah Creek (WC#38)
58.07	NJW	0.19	0.10		irrigation canal (not W.U.S.)
59.03	FM	0.03	0.03		seasonally ponded area within a cultivated rice field
59.72	NJW	0.39	0.00	HDD	WC#39 - irrigation canal (not W.U.S.)
60.51	NJW	0.16	0.00	HDD	WC#40 - irrigation canal (not W.U.S.)
61.19	NJW	0.16	0.15		roadside drainage ditch (not W.U.S)
61.49	NJW	0.14	0.14		roadside drainage ditch (not W.U.S)
61.72	SM	0.11	0.10		seasonally ponded depression
61.77	SM	4.58	0.98		seasonally ponded depression
61.92	SM	0.84	0.00	HDD	seasonally ponded between frontage road & Yolo Bypass levee
62.02	RF	0.31	0.00	HDD	riparian forest bordering Willow Slough - Yolo Bypass (WC#41)
62.03	SM	144.10	37.38		seasonally ponded area - Yolo Bypass

Feature ID#	Feature Type[1]	Area Delineated (acres)[2]	Area Affected (acres)[2]	Avoidance Measures Proposed[3]	Description
63.35	RS	1.39	0.28		north side of pipeline alignment - Yolo Bypass
63.47	RF	0.93	0.41		south side of pipeline alignment - Yolo Bypass
64.48	UPL	1.34	0.01		upland area associated with railroad embankment
64.85	RF	0.65	0.00	ESA	riparian forest adjacent to the drain tributary - Yolo Bypass
65.08	RF	0.69	0.26		riparian forest adjacent to the drain tributary - Yolo Bypass
Segment 6 (MP 65.1-MP 69.9)					
65.12	WUS	2.28	0.47		open water of toe drain & tributary - Yolo Bypass
65.20	RF	0.74	0.22		riparian forest adjacent to Toe Drain at east side of Yolo Bypass
65.22	RF	0.42	0.00	HDD	riparian forest adjacent to West Sac. Levee (Yolo Bypass)
65.54	NJW	0.05	0.00	HDD	toe drain adjacent to levee parallel to Wickland Extension
65.62	SM	0.05	0.04		seasonally ponded depression behind gas station
65.80	WUS	0.04	0.00		Washington Lake channel
65.81	WUS	0.50	0.00	Bore	Washington Lake channel
66.08	FM	0.19	0.11		drainage channel from Lake Washington connected to pumping facility
66.11	FM	0.74	0.00	ESA	artificial drainage channel at base of levee (Wickland Extension)
68.36	WUS	0.22	0.00		Port of Sacramento ship channel (navigable)

Source: URS, 2003.

[1] Feature Type Abbreviations:
- FM freshwater marsh
- SM seasonal marsh
- SAM seasonal alkali marsh
- BM brackish marsh
- SS seasonal seep
- RF riparian forest
- RS riparian scrub
- VP vernal pool
- WUS non-wetland water
- NJW non-jurisdictional water

[2] Area Estimates:
Features smaller than 0.005 acres are presented as 0.00

[3] Avoidance Measures
Features are considered to be avoided if one or more of the following measures are proposed:
- HDD horizontal directional drill
- Bore straight bore
- ESA fence or mark sensitive area and avoid